

# XBO 3000 W/HPS OFR

XBO HPS for digital cinema projection | Xenon short-arc lamps

Areas of application

- Cinema projection



### Product family features

- Short arc with highest luminance for brighter screen illumination
- A lifetime of reliable performances with constant 6000 K color temperature
- Easy to maintain
- High level of arc stability
- Hot restart and instant light on screen
- Dimmable in a wide range



April 25, 2024, 17:06:58 XBO 3000 W/HPS OFR

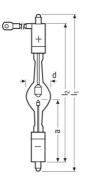
# Product datasheet

### Technical data

### **Electrical data**

Nominal current	105 A
Nominal wattage	300000 W
Current control range	60112 A
Nominal voltage	290 V

### **Dimensions & weight**



Diameter	550 mm
Length	3340 mm
Length with base excl. base pins/connection	297.00 mm
Light center length (LCL)	128.0 mm <sup>1)</sup>
Cable/wire length, input side	195 mm
Electrode gap cold	4.5 mm
Product weight	63000 g
Cable length	1950

<sup>1)</sup> Distance from end of base to tip of electrode (cold)

### Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C
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### Lifespan

Lifespan	1000 h
Service Warranty Lifetime	1300 h

# Additional product data

Base anode (standard designation)	SFaX30-14/68
Base cathode (standard designation)	SFc30-20/50

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# Capabilities

Cooling	Forced
Burning position	s15/p15 <sup>1)</sup>

 $^{1)}$  For vertical burning position: anode (+) on top

### **Environmental information**

# Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Date of Declaration	05-03-2024	
Primary Article Identifier	4052899213630   4062172030335   4062172232555	
Candidate List Substance 1	Lead	
CAS No. of substance 1	7439-92-1	
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.	
Declaration No. in SCIP database	a79dca5f-6e91-4477-8572-f3ae4fd31a8f	

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#### Safety advice

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030335	XBO 3000 W/HPS OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm³	1426.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

#### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.